

The background of the slide is a close-up of the American flag, showing the stars and stripes. In the lower right quadrant, there is a faint, golden silhouette of a castle or fortress with two prominent towers.

DoD Safety Forum

“Safety In the News...”

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Agenda

- **Task Force SAFE – Electrical / Fire Safety in Iraq**
- **Safety during Emergency Response actions– Hurricane Ike**
- **DoD Construction Safety guidance –**
 - **EM 385-1-1 Revision and new Explosives Safety EM 385-1-97**
- **DoD Electrical safety guidance**

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OIF - Electrical Safety

- Electrocution of soldier in Jan 08 in shower focuses concern, Congressional interest, media attention on electrical safety in Iraq
- 16 accidental electrocutions in OIF theater – 3 “facility” related (2 shower / 1 swimming)
 - many electrical safety related fires
- Service contracts and QA oversight scrutinized
- Multi-National Coalition – Iraq and Multi-National Forces – Iraq take immediate action to ensure warfighter safety, GEN Petraeus and MG McHale lead efforts
- DoD IG review kicked off to investigate the issue

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OIF - Task Force SAFE

- MNF-I establishes TF SAFE - facility inspections to ensure electrical, life safety, fire safety throughout OIF theater; as well as info campaign push across theater
- Army Combat Readiness/Safety Center performs MNF-I assistance visit with multidisciplinary team to include USACE electrician
 - 3 preliminary areas of concern:
 - lack of consistent standards/grounding/bonding/GFCI;
 - “leadership /discipline issues” (housekeeping, overloading, makeshift repairs)
 - tactical operations (power lines)

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OIF – TF SAFE

- Actions being taken to reduce risk:
 - Establishing a single set of electrical standards / codes
 - Develop, implement, enforce standards
 - Ensure standards are established / modified in contracts
 - Ensure proper grounding, bonding, GFCIs
 - Contractor quality control a must
 - Govt Quality Assurance Team to review

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Task Force SAFE

- USACE – Force Provider for TF SAFE- electricians/life safety/fire prevention specialists via our Gulf Region Div
 - Civilians, soldiers (Prime Power Bn), supplemented with contract support, 70 electricians, 35 fire safety specialists/life safety pros
 - Work to continue thru 2010
 - Skills needed- certified electricians/life safety/fire inspection
- Expeditionary Base Camp facilities oversight- focus on ensuring there are no doctrinal gaps in facility management
- USACE assist in QA support – teaming with AMC and DCMA, others

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USACE SOH Organization Related to Civil Emergency Operations

FEMA relies on USACE for engineering and construction support – ESF #3

- 1 National Program Manager
- 9 Planning & Response Teams 5 members each
- Onsite Recovery Field Offices (RFO)
- Onsite Emergency Field Offices (EFO)

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Hurricane Ike SOH Support Before Deployment

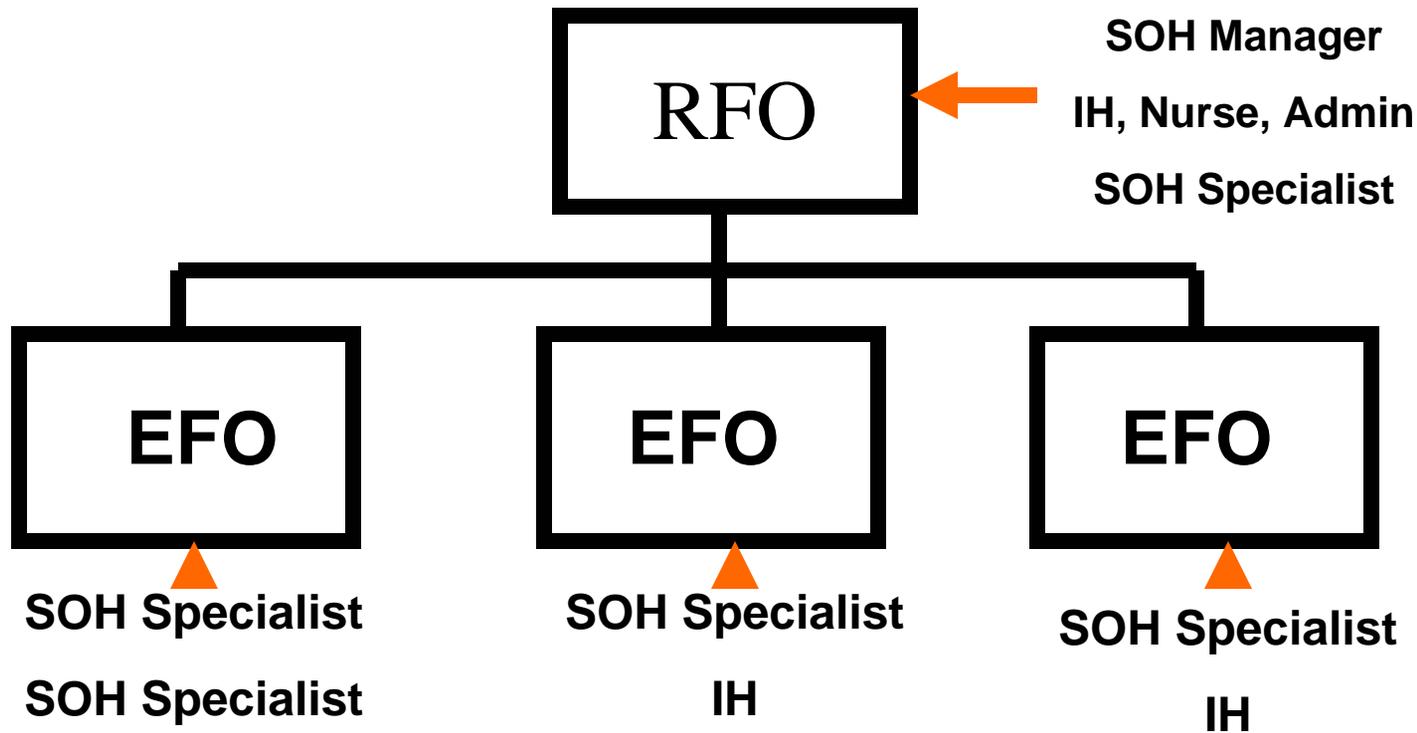
- Medical Screening before deployment
- PPE identified on deployment tasker
- SOH orientation at home station

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Our Structure Onsite



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SOH Guidance Documents

- EM 385-1-1: Safety and Health Requirements Manual
- EM 385-1-1, Appendix B: Emergency Operations
- EP 500-1-10, Chapter 7: Field “Toolbox”
- SOH Lessons Learned captured in AARs to revise above
- http://www.hq.usace.army.mil/soh/hqusace_soh.htm



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Some Items in Chapter 7

Field “Toolbox”

- SOH Orientations & Training
- Accident Reporting Logs & Procedures
- Possible Environmental Health Hazards
- Sample SitReps & Transition info for RFO & EFO
- Contractor Man-hours Formulas
- Building Assessment & Demolition



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Hurricane Ike SOH Support

- **SOH PRT Manager in RFO**
- **SOH Professionals will be provided as EFOs are established**
- **Onsite SOH Support to Temporary Roofing & Debris Collection and Removal Missions**
- **Position Hazard Analysis**
- **Mission Specific SOH Training**
- **Equipment & Mission Inspection Check Sheets**
- **Onsite Real Time Risk Management**
- **Accident Investigation**

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USACE MANUALS – DoD use

- EM 385-1-1, USACE Safety and Health Requirements Manual, 15 Sep 08; Revised
 - Required for construction by FAR Clause
 - 34 Sections (instead of 32)
 - GPO to print and distribute (USACE/NAVFAC) Nov 08 timeframe

- EM 385-1-97, Explosives Safety, New

- How to obtain the Manuals
 - USACE Contracting Officer or COR
 - GPO WILL stock large number and sell at approx. \$28/copy
 - PLUS electronically available (once printed) at:
http://www.hq.usace.army.mil/soh/hqusace_soh.htm

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Tri-Service Electrical Safety Manual (USACE/NAVFAC/AFCESA)

- UFC 3-560-01 Electrical Safety, O&M; with Change 2 (31 Mar 08)
- View on Whole Building Design Guide site: <http://www.wbdg.org>, Under Popular Links on left side, click on Unified Design Criteria.



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QUESTIONS?



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